

IN THE CLAIMS:

Please amend the claims as follows:

1. (Cancelled).

2. (Previously Presented) An emissive iridium (III) complex suitable for use in an emissive layer of an OLED, having the formula:



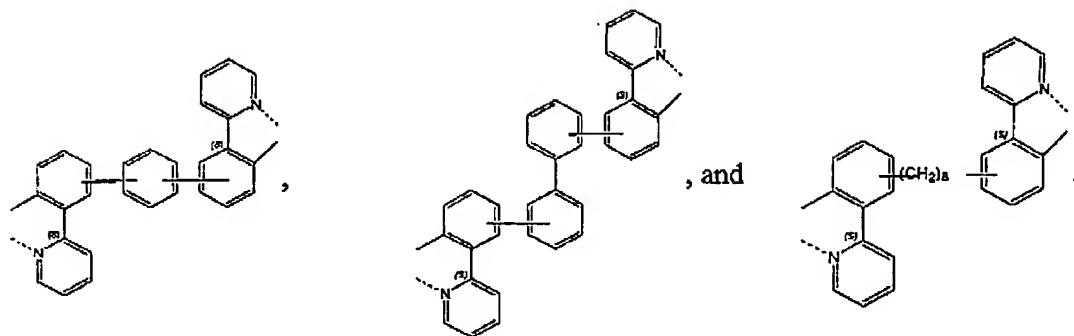
wherein A is a group L'-R-L'' in which R is a divalent hydrocarbon radical, and L', L'', L₁, L₂, L₃ and L₄ are heteroaromatic ligands having a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the iridium atom, wherein L₁, L₂, L₃ and L₄ are the same and not the same as L' or L''.

3. - 5. (Cancelled).

6. (Previously Presented) An emissive iridium (III) complex suitable for use in an emissive layer of an OLED, having the formula:



wherein L_1 , L_2 , L_3 and L_4 , which may be the same or different, are heteroaromatic ligands having a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the iridium atom, and wherein A is selected from the group consisting of:



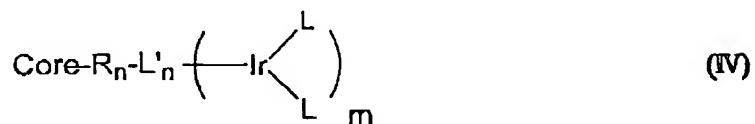
7. (Previously Presented) An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer comprises the emissive iridium (III) complex of claim 2 or claim 6.

8. (Original) The organic light emitting device of claim 7, wherein said complex is doped in a host material in said emissive layer.

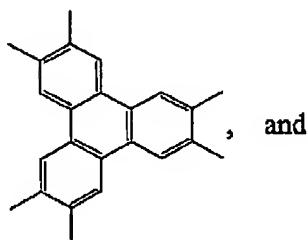
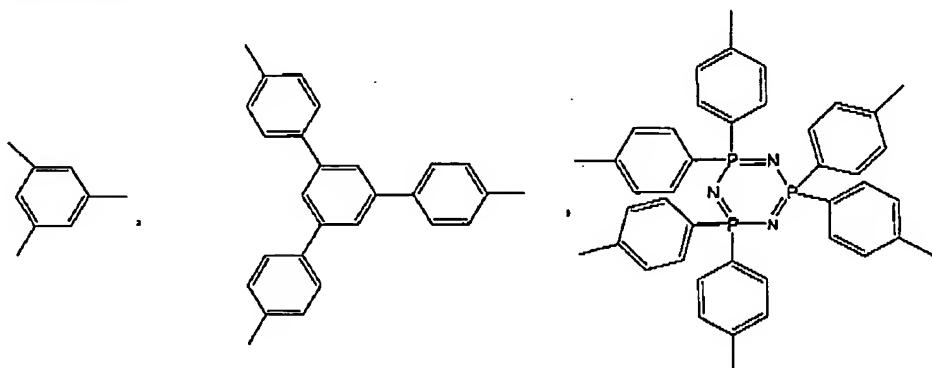
9. (Original) The organic light emitting device of claim 7, wherein said complex is not doped in a host material.

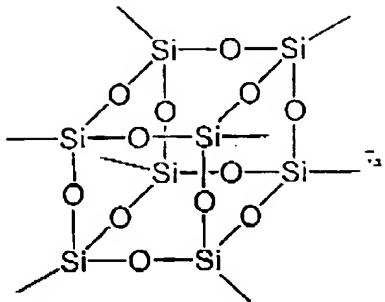
10. (Original) The organic light emitting device of claim 7, having a theoretical efficiency greater than 25 percent.

11. (Currently Amended) An emissive iridium (III) complex suitable for use in an emissive layer of an OLED, having the structure



wherein each R_n is a divalent hydrocarbon radical, L'_n is a ligand having a carbon covalently bonded to the iridium atom and a nitrogen atom complexed to the respective iridium atom, and each ligand L , which may be the same or different, has a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the respective iridium atom, and wherein Core is an m -valent radical selected from the group consisting of:





and wherein n and m are integers equal to the valence of Core.

12. (Cancelled).

13. (Previously Presented) An organic light emitting device comprising an anode, a cathode, an electron transport layer, a hole transport layer, an electron transport/hole blocking layer, and an emissive layer comprising an iridium (III) complex according to claim 11.

14. (Original) The organic light emitting device of claim 13 having a theoretical device efficiency greater than 25 percent.